

Abstract

The invention relates to a gap seal (6) for sealing a gap (3) between two adjacent components (1, 2), in particular of turbo machines, with the following characteristics:

- each component (1) has one each groove (7) that is open towards the gap (3),
- the two grooves (7) are essentially facing each other in the gap (3),
- in each groove (7), a compensation body (16) is movably positioned transversely to the longitudinal groove direction and parallel to the gap plane (10),
- each compensation body (11) abuts the groove bottom (9) of the corresponding groove (7) in a sealing manner,
- each compensation body (11) has a V-shaped receiving groove (14) that is open towards the facing compensation body (11),
- a mutual sealing body (16) has a rhombus-shaped cross-section and projects with outer sides (17) into both receiving grooves (14),
- the straight inner sides (15) of each receiving groove (14) are angled towards each other at the same angle as the straight outer sides (17),
- in each receiving groove (14), at least one outer side (17) of the sealing body (16) abuts the corresponding inner side (15) of the receiving groove (14) with surface contact and in a sealing manner.

(Fig. 1)

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